

From: [Turner, Philip](#)
To: [David Keith](#); [Ann Bradley](#)
Cc: [Miller, Garyg](#); [Jennifer Sampson](#); [Phil Slowiak](#)
Subject: RE: SJRWP - Construction Worker scenario south of I-10
Date: Tuesday, April 30, 2013 2:03:15 PM

I am totally on board with this as Ann and I discussed. Sorry... I was waiting to see if Gary would comment.

Phil

From: David Keith [<mailto:dkeith@anchorqea.com>]
Sent: Tuesday, April 30, 2013 2:01 PM
To: Ann Bradley; Turner, Philip
Cc: Miller, Garyg; Jennifer Sampson; Phil Slowiak
Subject: RE: SJRWP - Construction Worker scenario south of I-10

Phil (Turner) – We are really on a tight schedule for getting the analyses and revisions completed on the BHHRA and RI Report for San Jacinto. Can you please review the email below ASAP and let us know your thoughts? If we don't get to some resolution by noon tomorrow, it could start impacting the schedule. If you need to discuss anything, please don't hesitate to call me.

Thanks,
David

From: Ann Bradley [<mailto:abradley@integral-corp.com>]
Sent: Thursday, April 25, 2013 5:28 PM
To: Philip Turner
Cc: Gary Miller (miller.garyg@epa.gov) (miller.garyg@epa.gov); David Keith; Jennifer Sampson; Ann Bradley
Subject: RE: SJRWP - Construction Worker scenario south of I-10

Hi Phil,

Thank you for taking the time to talk with me today regarding the approach for addressing Comment #7 for the BHHRA. The steps below summarize the approach we discussed:

1. Screen COPCs for 0-10 ft soils
 - a. Tier 1 – compare maximum of discrete samples to Industrial/Commercial Screening Levels
 - b. Tier 2 – for any analyte that comes through Tier 1 – compare the analyte's maximum depth-weighted-average from the area South of I-10 to Industrial/Commercial Screening Levels. Any analytes that exceed are defined as COPCs for 0-10 ft soils.
2. Define exposure units for the risk assessment
 - a. Calculate Construction Worker specific Screening Levels for COPCs



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- i. Use USEPA Soil Screening Guidance (2002, 1996) and Exposure Factors Handbook (2011) defaults
 - ii. Use approved chemical-specific factors (e.g., toxicity criteria and RBA factors approved in the TESM and EAM and applied in other portions of the risk assessment)
 - b. Identify locations where the depth weighted average exceeds the Construction Worker Screening Level
 - c. Develop ½ acre exposure units for locations that exceed one or more COPC Screening Levels
3. Calculate risks for construction workers for the selected exposure units

Please confirm that you are in agreement with this approach.

Thank you,
Ann

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HEALTH ENVIRONMENT TECHNOLOGY SUSTAINABILITY

From: Jennifer Sampson
Sent: Wednesday, April 24, 2013 4:52 PM
To: Turner, Philip (Turner.Philip@epa.gov)
Cc: Ann Bradley; Gary Miller (miller.garyg@epa.gov) (miller.garyg@epa.gov); David Keith
Subject: SJRWP - Construction Worker scenario south of I-10

Hi Phil-

Per my voice mail earlier today, Integral has come up with an approach to addressing EPA comment #7 on the Baseline HHRA for the San Jacinto RI/FS. I can run it by you today if you give me a call – please feel free to use the cell number in my signature.

I will be out tomorrow and Friday, so if you don't reach me today, please call Ann Bradley Thursday, or email her to set up a time to chat. Ann is our lead human health risk assessor on this project, and cc'd here. Her numbers are:

Cell: 410 940-9627
Office: 212 962-4301 x303

Ann's in New York, so she's in the eastern time zone.

Thanks very much for your attention to this – time is of the essence for us, so we hope to hear from you soon.

Jennifer

Jennifer Sampson | Senior Managing Scientist
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